

ABSTRACT OF THE DISCLOSURE

A method for flexibly defining communication constructs includes providing at
5 least one communication element type for at least one layer of a generalized
communication model, such as a bus model. Each communication element type has a
user-definable structure that is adaptable for representing a corresponding protocol layer
of a target communication medium. Users can define specific communication element
types to substantially represent the target protocol. Users can also define the
10 communication element types to depart from the target protocol in precisely defined
ways.